



HF Happenings 852

Volume 19, Issue 10, the week of 17 June 2019

You can now download your copy of HF Happenings from www.sarl.org.za/hf_happenings.asp

Southern African Fauna and Flora <https://zsfaunaandflora.wordpress.com/>

ZS SOTA <https://zssota.wordpress.com/>

Zone 38 Award and others <https://zone38award.wordpress.com/>

Worldwide List of HF Beacons <https://iaruhfbeacons.wordpress.com/>

5 MHz (60 metre) allocations <http://www.sarl.org.za/public/contests/contestrules.asp>

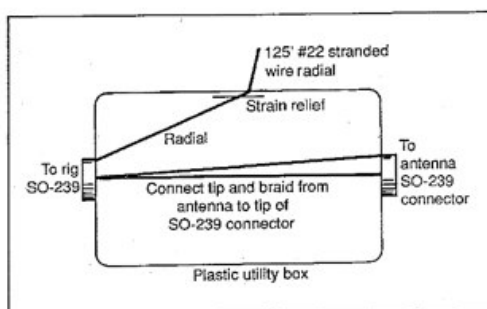
The 160-RV Antenna A G5RV Adapter For 160 Meters

BY THOMAS M. HART*, AD1B

It's a result of having insufficient real estate to hang any sort of half-wave antenna or to install a vertical with proper radials. The size of my house lot, the location of the trees, and the position of the telephone and electrical services have made 160 meter operation impossible for over 25 years.

While strolling at lunch time and day-dreaming about antennas recently, I developed an idea for an adapter that would allow my G5RV antenna to operate against a counterpoise. The price was minimal, and Radio Shack carries all of the necessary hardware. In the event of catastrophic systems and theory failure, the components could be used for some other idea in the future.

The G5RV adapter makes the entire dipole a single element by connecting the tip and braid of the coax together. This creates a resonant radial. My



The SARL Top Band QSO Party This Week

Have you got the SARL Top Band Certificate? By participating in the SARL Top Band QSO Party from 00:00 UTC on Thursday 20 June 2019 to 00:00 UTC on Monday 24 June 2019, you can make the required QSOs for this certificate. The QSO Party is open to all licensed amateurs that have access to the 160-metre band. CW activity takes place between 1 810 and 1 838 kHz with phone activity between 1 840 - 2 000 kHz and the exchange is a RS(T) report and your provincial or country abbreviation.

Each station can be worked once per mode i.e. once on phone and once on CW and each QSO counts 3 points. Each South African call area and each DXCC country worked is worth 5 bonus points. The total score is the total QSO points plus the bonus points. Logs in ADIF, Cabrillo or MS Excel with a summary sheet labelled "my call sign Top Band," must be submitted by 2 July 2019 by e-mail to contest@sarl.org.za.

60 Meters News

It has been reported that the Kuwaiti Telecom Regulator (CITRA), has made available, on a new secondary basis, the Amateur Radio allocation of 5 351.5 – 5 366.5 kHz to Kuwaiti radio amateurs. The Kuwaiti allocation falls under ITU Footnote 5.133B, which, in the case of Kuwait, means a maximum power of 15 watts EIRP. The first Kuwaiti amateur on the new band was Muhammad, 9K2NO, operating FT8.

June

- 17 - Public holiday; World QRP Day; Closing date for Hammies logs;
- 18 - Highway ARC monthly meeting
- 20 to 24 - SARL Top Band QSO Party
- 21 - Winter Solstice
- 21 to 23 - Ham Radio 2019 in Friedrichshafen
- 21 to 30 - Knysna Oyster Festival
- 22 - the AGM of the Namibian Amateur Radio League
- 22 - the Drakensberg Polar Bear Swim Challenge, Dragon Peaks Dam
- 22 and 23 - ARRL Field Day
- 26 to 29 - Innibos Fees, Nelspruit
- 28 to 30 - Kirkwood Wildsfees
- 29 - ZS4BFN from the 24th Polar Bear Swim at the Bundu, Ventersburg
- 30 - End of the SARL Financial Year; International Asteroid Day

July

- 1 - Start of SARL Financial Year and Membership payment is due; Closing date Top Band logs
- 6 - Durban July Horse Race; SARL Newbie QSO Party
- 7 - ZS5 Sprint
- 9 - Provincial schools open
- 12 - Washie 100 Miler, Port Alfred to East London
- 13 - RaDAR Challenge; October RAE registration opens
- 13 and 14 - IARU HF Championships; Franschhoek Bastille Festival
- 15 - Commemoration of the Battle of Delville Wood - 15 to 20 July 1916; closing date Newbie and ZS5 logs
- 16 - Highway ARC Monthly Meeting
- 20 - Winter QRP contest
- 21 - ZS2 Sprint
- 21 to 23 - Winter Wonderland Festival, Gordon's Bay

World Radiosport Team Championships (WRTC) 2022

The Qualification Standings for the 2022 World Radiosport Team Championships are available on http://wrtc2022.it/en/?page_id=470. Last updated with the CQ WW WPX SSB 2019 Contest claimed scores, "the Qualification Standings show unofficial points and rankings based on files and communications received from each Contest Organizing Committee", Carlo De Mari, IK1HJS says. "Claimed scores, if available, will be considered until official scores are available. The WRTC 2022 Organizing Committee reserves the right to modify the qualification process to correct errors or provide clarification. Any change will be announced on the WRTC 2022 website. Questions regarding the qualification standings may be submitted to qualification@wrtc2022.it".



Youth Activities in October

Richard, ZS6RKE, the National JOTA/JOTI Coordinator reports that the 2019 JOTA/JOTI event will be held on the weekend of 18 to 20 October. This is the largest Scouting event of the year with around 2 million Cubs, Scouts and Guides taking part. We are looking for radio amateurs to assist with running of stations for the event. A simple field station at your local Scout hall or within a Scouting District is all that is required. Over the last 3 years, we have seen a 400% growth in stations, predominately in Division 6.



There is no need to run the whole weekend either, as most of the activity is on the Saturday. If you are keen to get Youth involved in Amateur Radio and give back to your local Scouting community, please contact Richard and he will assist with contacting a local Troop. he can be contacted at richard.hooper@scouts.org.za or richard@sandringshamscouts.co.za.



On Saturday 19 October, the annual CQ Hou Koers event for the Voortrekkers takes place. Contact Andries, ZS6VL at orionvoortrekkers@gmail.com to offer your assistance and to find your local Voortrekker Commando.

African DX

Contacts with stations on the African continent count towards the SARL's All Africa Award (www.sarl.org.za/public/awards/awards.asp)



Ghana, 9G. Matteo, 9G5GS will again be active from Sanzule, Ellembele District, Ghana between 7 June and 2 July 2019. He is active on 6 to 160 m, using mostly FT8 (Fox/Hound) and SSB. LoTW now available, also QSL direct via home call IZ4YGS.

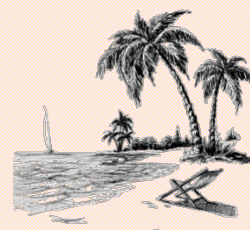


African Islands

IOTA Frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz



Tanzania, 5H. Elena, RC5A and Yuri, RM0F will be active from Mafia Island, AF-054 (Tanzania) from 29 September to 5 October 2019 as 5H3CA and 5H3RRC. They will be active on 160 to 10 m using CW and SSB. QSL via RC5A.

Mayotte Islands, FH. Willi, DJ7RJ, will once again be active as FH/DJ7RJ from Mayotte between 15 October and 3 November. Activity will be on 160 - 10 metres with a focus on the lower bands using CW and SSB. QSL via his home call sign, direct or by the Bureau. NO LoTW or ClubLog.

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 17 to 24 June 2019

Run for the Bacon QRP Contest

01:00 - 03:00 UTC 17 June

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province, or country once; Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 June 2019

E-mail logs to: (none)

Upload log at:

<http://qrpccontest.com/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://qrpccontest.com/pigrun/>

Phone Fray

02:30 - 03:00 UTC 19 June

Geographic Focus: North America

Participation: Worldwide

Mode: SSB

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 21 June 2019

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at:

http://www.perluma.com/Phone_Fray_Contest_Rules.pdf

CWops Mini-CWT Test

13:00 - 14:00 UTC 19 June and 19:00 - 20:00

UTC 19 June and 03:00 - 04:00 UTC 20 June

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 22 June 2019

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <https://cwops.org/cwops-tests/>

RSGB 80 m Club Championship, CW
19:00 - 20:30 UTC 19 June
Geographic Focus: United Kingdom
Participation: Worldwide
Awards: United Kingdom
Mode: CW
Bands: 80 m Only
Classes: (none)
Exchange: RST and serial no
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: (see rules)
Submit logs by: 23:59 UTC 20 June 2019
Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>
Mail logs to: (none)
Find rules at: <https://www.rsgbcc.org/hf/rules/2019/r80mcc.shtml>

NAQCC CW Sprint
00:30 - 02:30 UTC 20 June
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20 m
Classes: (none)
Max power: 1 watt
Exchange: RST, state, province or country and NAQCC no or power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member
Multipliers: Each state, province, or country once; Key Type Mult: 2 x if straight key, 1,5 x if bug, 1 x if other
Score Calculation: Total score = total QSO points x total mults x key type mult
Submit logs by: 23:59 UTC 23 June 2019
E-mail logs to: naqcc33@windstream.net and jcoreyc@gmail.com
Upload log at: http://naqcc.info/sprint_submit_log.html
Mail logs to: (none)
Find rules at: <http://naqcc.info/sprint/sprint201906mw.html>

NCCC RTTY Sprint
01:45 - 02:15 UTC 21 June
Geographic Focus: North America
Participation: Worldwide

Mode: RTTY
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23 June 2019
E-mail logs to: (none)
Post log summary at: <http://www.3830scores.com/>
Mail logs to: (none)
Find rules at: <http://www.ncccsprInternationalcom/rttyns.html>

NCCC Sprint
02:30 - 03:00 UTC 21 June
Geographic Focus: North America
Participation: Worldwide
Mode: CW
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23 June 2019
E-mail logs to: (none)
Post log summary at: <http://www.3830scores.com/>
Mail logs to: (none)
Find rules at: <http://www.ncccsprInternationalcom/rules.html>

Ukrainian DX DIGI Contest:
12:00 UTC 22 June to 12:00 UTC 23 June
Geographic Focus: Worldwide
Participation: Worldwide
Mode: RTTY, PSK63
Bands: 80, 40, 20, 15, 10 m
Classes: SOAB - low or high; SOSB - low or high; MOMB
Max power: HP: >100 W; LP: 100 W
Exchange: UR: RST and 2-letter Oblast; non-UR: RST and QSO no
Work stations: Once per band per mode
QSO Points: (see rules)
Multipliers: Each DXCC country once per band per mode; Each oblast once per band per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 July 2019

E-mail logs to: urdigi@izmail-dx.com

Mail logs to: (none)

Find rules at: <http://www.izmail-dx.com/>

His Majesty the King of Spain SSB Contest

12:00 UTC 22 June to 12:00 UTC 23 June

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band - QRP low or high;

Single Op Single Band; Multi-Op - low or high

Max power: HP: >100 watts; LP: 100 watts;

QRP: 5 watts

Exchange: EA: RS and province; non-EA: RS and serial no

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Each EA province once per band;

Each EADX100 entity once per band; Each

special (EA0) station once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 8 July 2019

E-mail logs to: (none)

Upload log at:

<http://concursos.ure.es/en/logs/>

Mail logs to: (none)

Find rules at: <http://concursos.ure.es/en/s-m-el-rey-de-espana-ssb/bases/>

ARRL Field Day

18:00 UTC 22 June to 21:00 UTC 23 June

Geographic Focus: North America

Participation: Worldwide

Mode: All

Bands: All, except 60, 30, 17, 12 m

Classes: A: Club/nonclub portable; B: One/two person portable; C: Mobile; D: Home; E: Home-emergency power; F: EOC

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: W/VE: Number of transmitters (see rules), operating class and ARRL/RAC section;

DX: Number of transmitters (see rules), operating class and "DX"

Work stations: Once per band per mode

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO

Bonus Points: see rules

Multipliers: (none)

Score Calculation: Total score = total QSO points and bonus points

Submit logs by: 20:59 UTC 23 July 2019

Post log summary at: field-day.arrl.org

Mail logs to: Field Day Entries, 225 Main St., Newington, CT 06111, USA

Find rules at: <http://www.arrl.org/field-day>

QCX Challenge

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 24

June and 03:00 - 04:00 UTC 25 June

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op

Max power: HP: >5 watts; QRP: 5 watts

Exchange: RST, name and state, province or country and Rig

Work stations: Once per band

QSO Points: 3 points per QSO with QCX station; 1 point per QSO with non-QCX station

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 04:00 UTC 2 July 2019

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.qrp-labs.com/party.html>

Next Week's Contests

QCX Challenge, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 24 June and 03:00 - 04:00 UTC 25 June

SKCC Sprint, 00:00 - 02:00 UTC 26 June

Phone Fray, 02:30 - 03:00 UTC 26 June

CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 26 June and 03:00 - 04:00 UTC 27 June
RSGB 80 m Club Championship, SSB, 19:00 - 20:30 UTC 27 June
Battle of Carabobo International Contest, 00:00 UTC 28 June to 24:00 UTC 29 June
QRP Fox Hunt, 01:00 - 02:30 UTC 28 June
NCCC RTTY Sprint, 01:45 - 02:15 UTC 28 June
NCCC Sprint, 02:30 - 03:00 UTC 28 June
Feld Hell Sprint, 00:00 - 23:59 UTC 29 June
UFT QRP Contest, 06:00 - 09:00 UTC 29 June and 14:00 - 17:00 UTC 29 June
RAC Canada Day Contest, 00:00 - 23:59 UTC 1 July
10-10 International Spirit of 76 QSO Party, 00:01 UTC 1 July to 24:00 UTC 7 July
IQRP Quarterly Marathon, 08:00 UTC 1 July to 20:00 UTC 7 July
RSGB 80 m Club Championship, CW, 19:00 - 20:30 UTC 1 July
Fireflies QRP 72 Sprint, 00:00 - 02:00 UTC 2 July
ARS Spartan Sprint, 01:00 - 03:00 UTC 2 July

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter